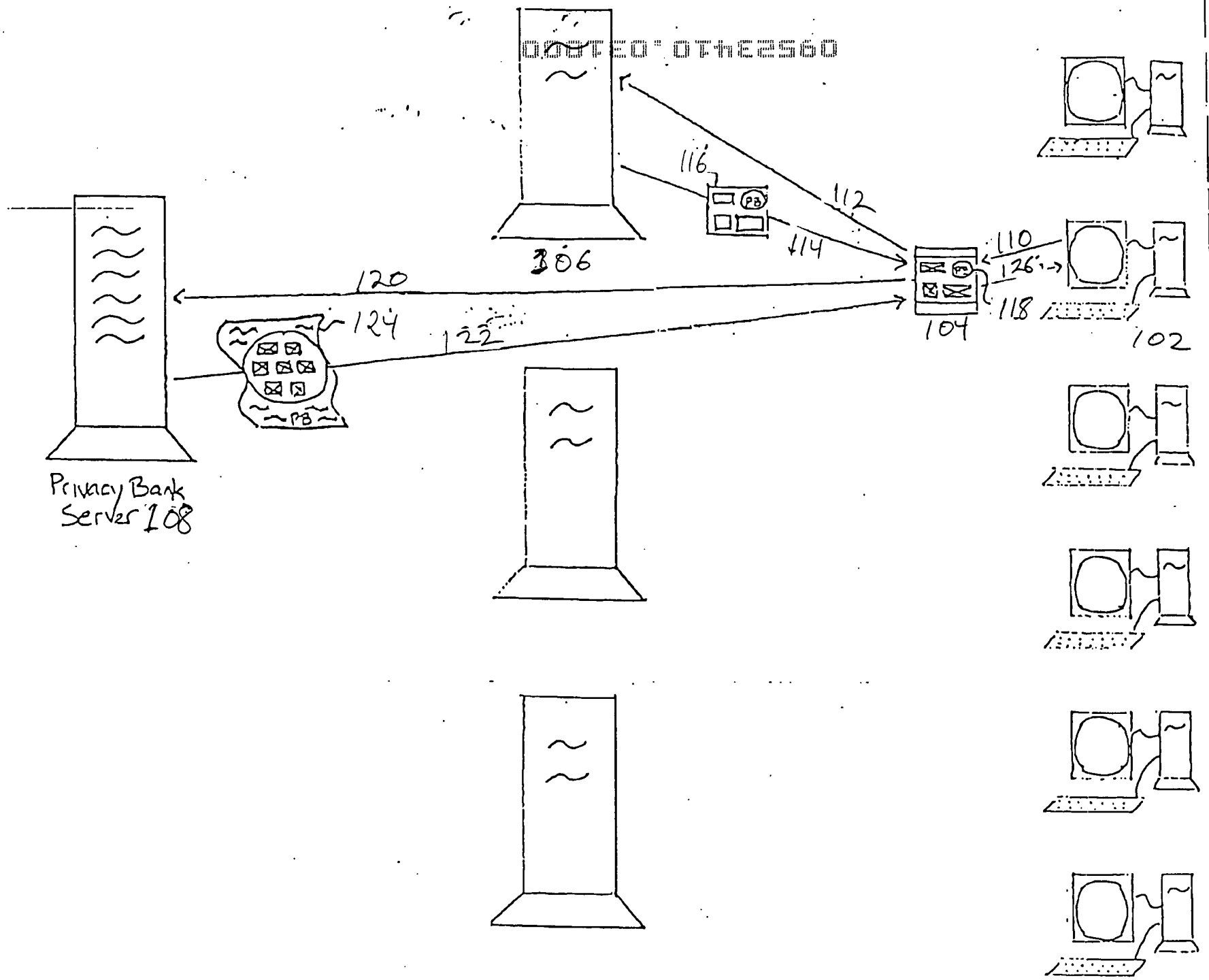
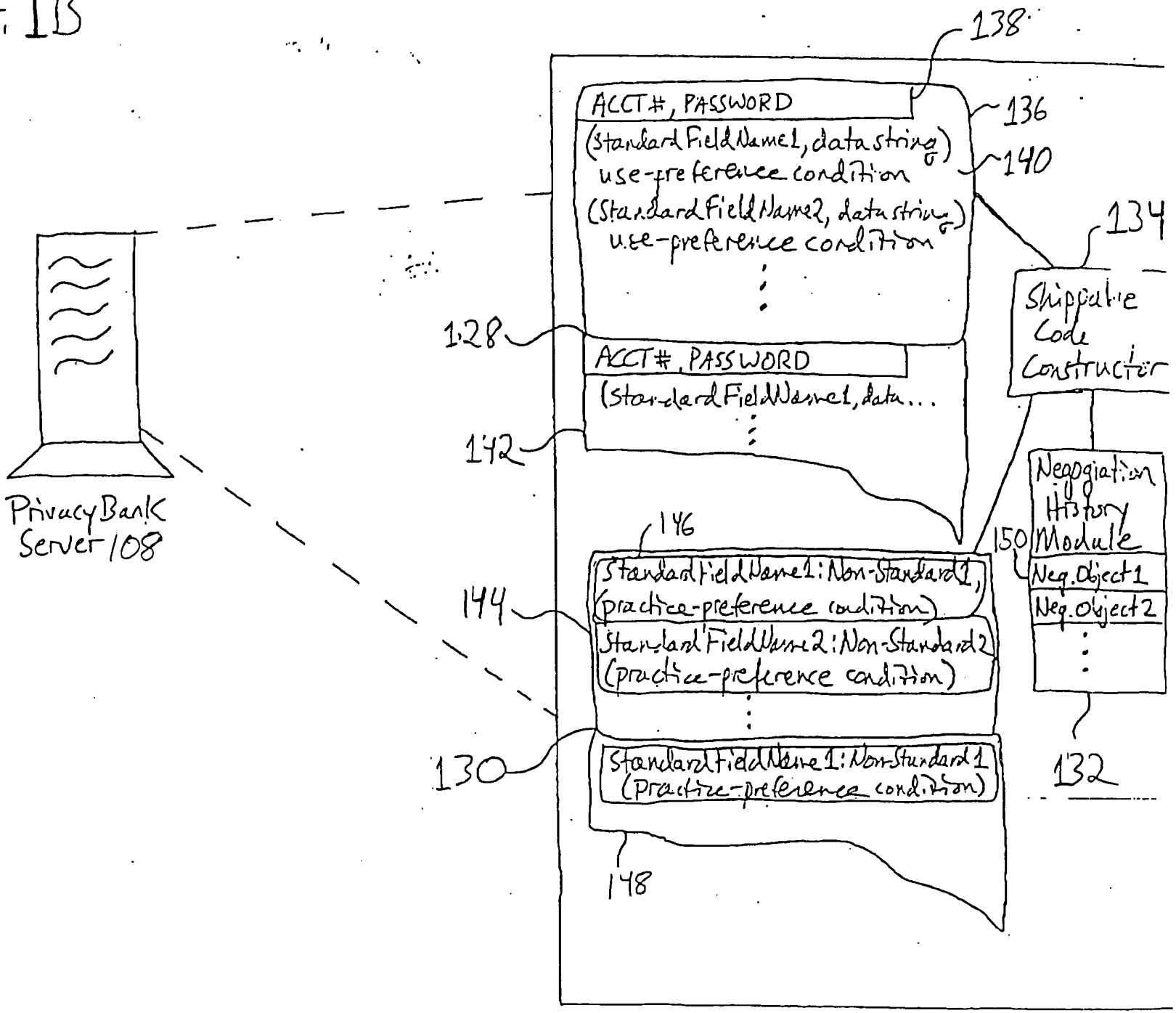

106
116
112
114
110
126
118
104
102
120
124
122
Privacy Bank
Server 108

FIG. 1A

FIG. 1B


138
ACCT#, PASSWORD
(StandardFieldName1, datastring0)
use-preference condition
(StandardFieldName2, datastring0)
use-preference condition
136
140
134
Shippable Code Constructor
128
ACCT#, PASSWORD
(StandardFieldName1, data...
142
Negotiation History Module
150
Neg.Object1
Neg.Object2
146
StandardFieldName1:Non-Standard1, (practice-preference condition)
144
StandardFieldName2:Non-Standard2 (practice-preference condition)
130
StandardFieldName1:Non-Standard1 (practice-preference condition)
132
148
PrivacyBank Server 108

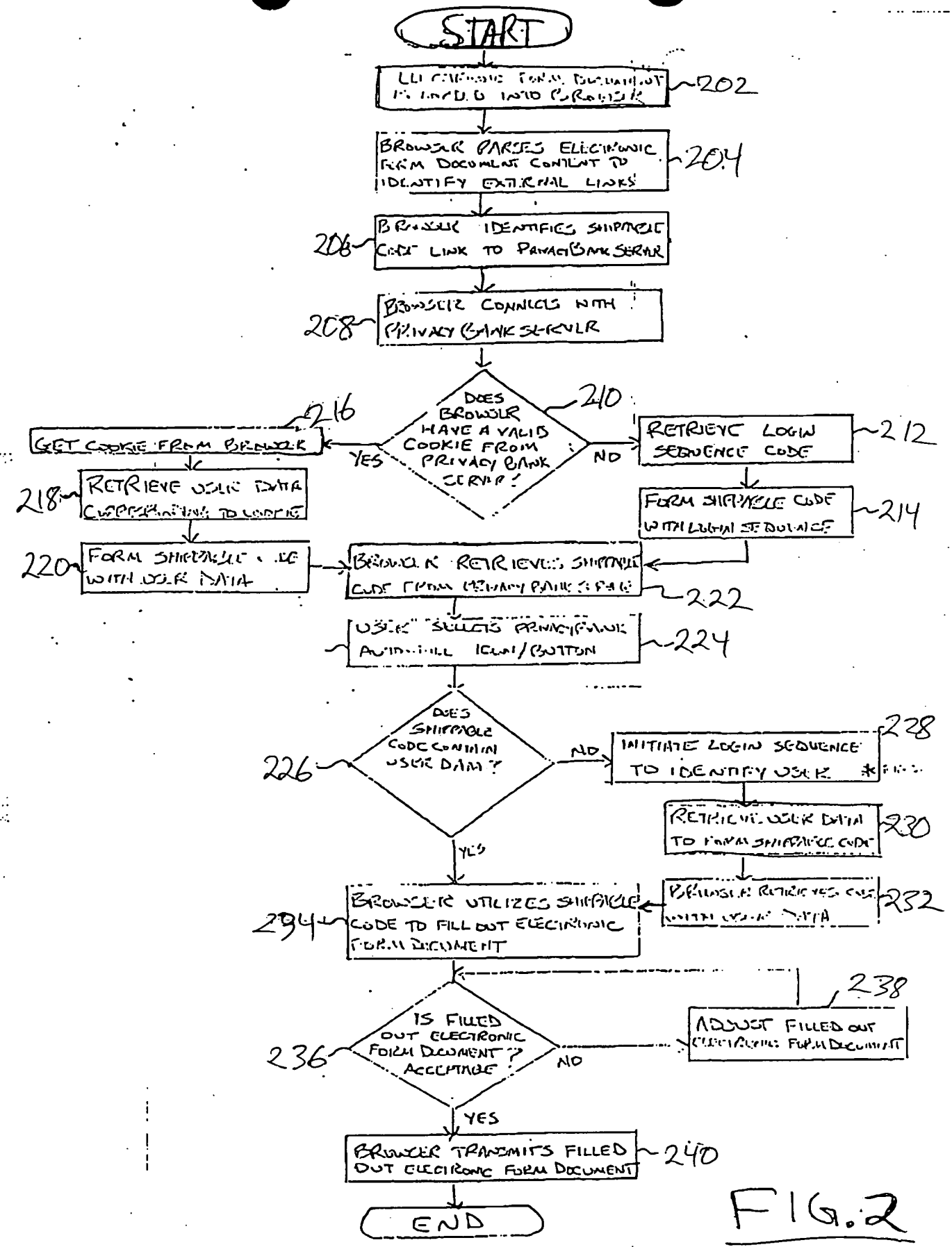

START
202
204
206
208
210
DOES BROWSER HAVE A VALID COOKIE FROM PRIVACY BANK SERVER?
YES
NO
216
212
214
218
220
222
224
226
228
230
232
234
236
238
240
END

FIG. 2

FIG 3A

User.	Category	Type	Short display name
Home.	Physical Contact Information, Online Contact Information, Demographic Data	Info.	Home
Work.	Physical Contact Information, Online Contact Information, Demographic Data	WorkInfo.	Work
Billing.	Physical Contact Information, Online Contact Information, Demographic Data, Financial Data	BillInfo.	Billing
Shipping.	Physical Contact Information, Online Contact Information, Demographic Data	Info.	Shipping

Info.	Category	Type	Short display name
Name.	Physical Contact Information, Demographic Data	PersonName.	Name
Address.	Physical Contact Information, Demographic Data	Address.	Postal Address
Phone.	Physical Contact Information	PhoneNum.	Phone Number
Fax.	Physical Contact Information	PhoneNum.	Fax Number
Internet.	Online Contact Information	Internet.	Internet

WorkInfo.	Category	Type	Short display name
Name.	Physical Contact Information, Demographic Data	PersonName.	Name
Employment.	Demographic Data	Employment.	Employment
Address.	Physical Contact Information, Demographic Data	Address.	Postal Address
Phone.	Physical Contact Information	PhoneNum.	Phone Number
Fax.	Physical Contact Information	PhoneNum.	Fax Number
Internet.	Online Contact	Internet.	Internet

FIG. 3B

	Information		

BillInfo.	Category	Type	Short display name
Name.	Physical Contact Information, Demographic Data	PersonName.	Name
Address.	Physical Contact Information, Demographic Data	Address.	Postal Address
Phone.	Physical Contact Information	PhoneNum.	Phone Number
Fax.	Physical Contact Information	PhoneNum.	Fax Number
Internet.	Online Contact Information	Internet.	Internet
CreditCard.	Financial Data	CreditCard.	Favorite Credit Card

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PersonName.	Category	Type	Short display name
Prefix	Demographic Data	Text	Prefix
First	Physical Contact Information	Text	First Name
Middle	Physical Contact Information	Text	Middle Name
Last	Physical Contact Information	Text	Last Name
Suffix	Demographic Data	Text	Suffix

Address.	Category	Type	Short display name
Street1	Physical Contact Information	Text	Street 1.
Street2	Physical Contact Information	Text	Street 2
City	Physical Contact Information	Text	City
StateProv	Physical Contact Information	Text	State/Province
PostalCode	Demographic Data	Text	Post/Zip Code
Country	Demographic Data	Text	Country

PhoneNum.	Category	Type	Short display name
AreaCode	Physical Contact Information	Text	Area Code
Number	Physical Contact Information	Text	Number
Extension	Physical Contact Information	Text	Extension

FIG. 3C

Internet.	Category	Type	Short display name
Email	Online Contact Information	Text	Email
HomePage	Online Contact Information	Text	Home Page

Employment.	Category	Type	Short display name
Employer	Demographic Data	Text	Employer
Department	Demographic Data	Text	Department
JobTitle	Demographic Data	Text	Job Title

CreditCard.	Category	Type	Short display name
Type	Financial Data	Text	Card Type
Number	Financial Data	Text	Account Number
ExpMonth	Financial Data	Text	Expiration Month
ExpYear	Financial Data	Text	Expiration Year

0001210-0424-0525

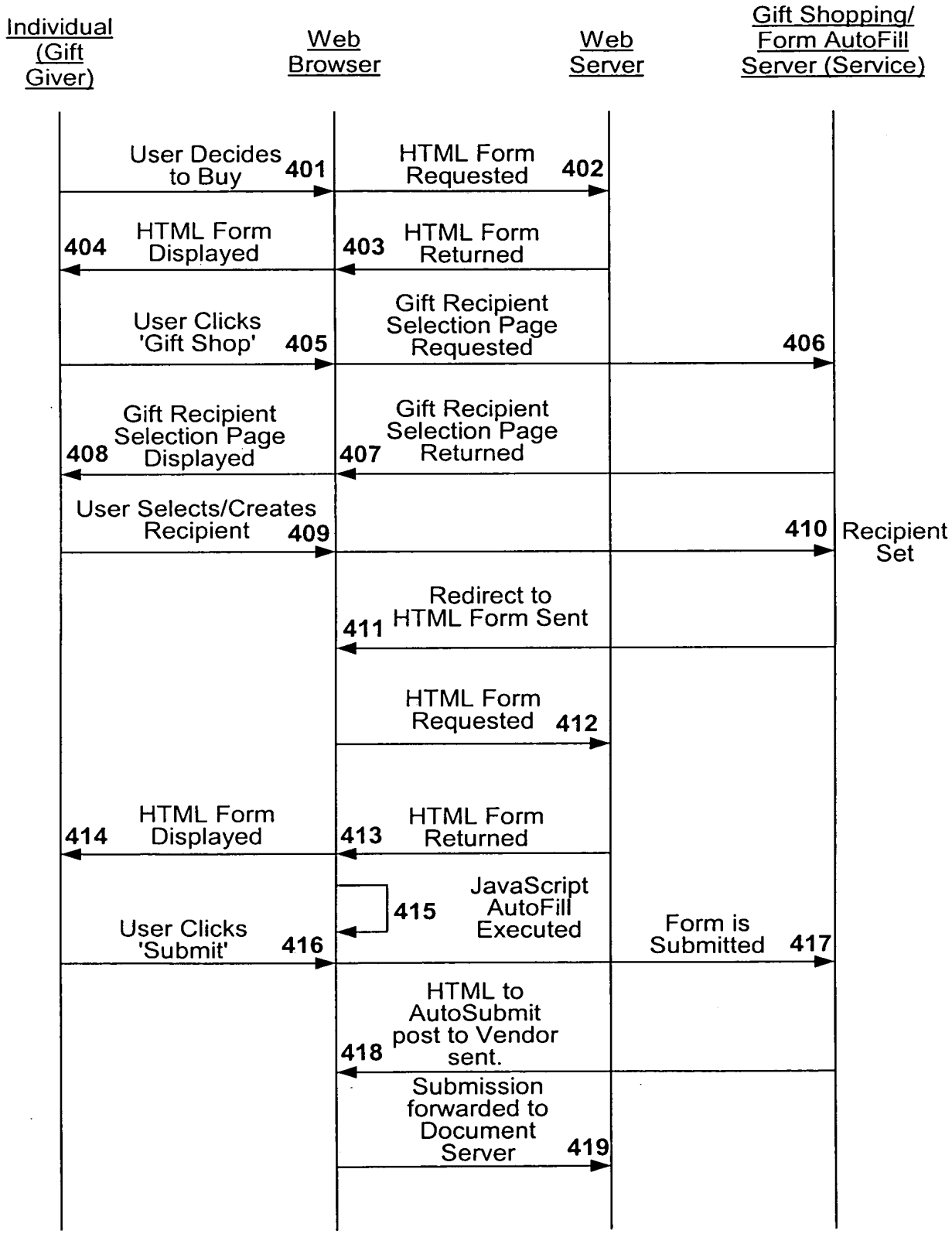
Individual (Gift Giver)
Web Browser
Web Server
Gift Shopping/ Form AutoFill Server (Service)
User Decides to Buy 401
HTML Form Requested 402
404 HTML Form Displayed
403 HTML Form Returned
User Clicks 'Gift Shop' 405
Gift Recipient Selection Page Requested
406
Gift Recipient Selection Page Displayed 408
Gift Recipient Selection Page Returned 407
User Selects/Creates Recipient 409
410 Recipient Set
Redirect to HTML Form Sent 411
HTML Form Requested 412
414 HTML Form Displayed
413 HTML Form Returned
415 JavaScript AutoFill Executed
User Clicks 'Submit' 416
Form is Submitted 417
HTML to AutoSubmit post to Vendor sent. 418
Submission forwarded to Document Server 419

Figure 4

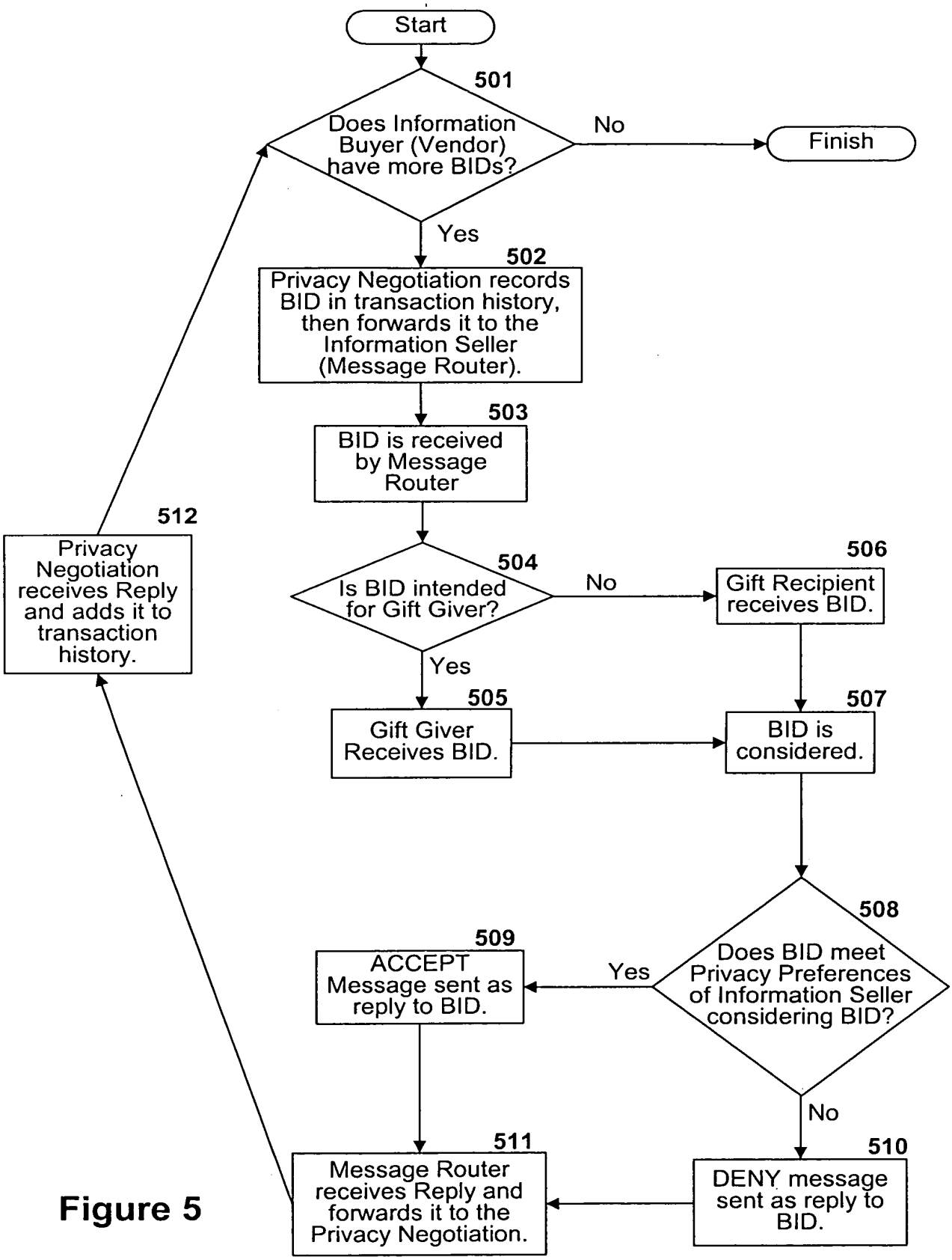
Start
501
Does Information Buyer (Vendor) have more BIDs?
No
Finish
Yes
502
Privacy Negotiation records BID in transaction history, then forwards it to the Information Seller (Message Router).
503
BID is received by Message Router
504
Is BID intended for Gift Giver?
No
506
Gift Recipient receives BID.
Yes
505
Gift Giver Receives BID.
507
BID is considered.
508
Does BID meet Privacy Preferences of Information Seller considering BID?
Yes
509
ACCEPT Message sent as reply to BID.
No
510
DENY message sent as reply to BID.
511
Message Router receives Reply and forwards it to the Privacy Negotiation.
512
Privacy Negotiation receives Reply and adds it to transaction history.

Figure 5

BOOTED" OTHER560

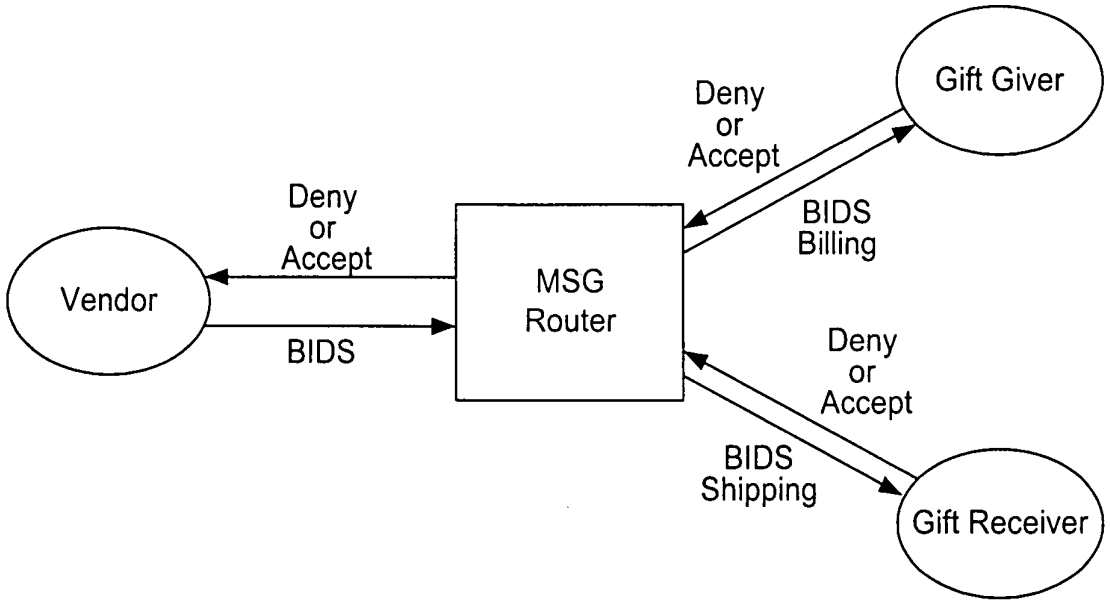

Figure 6